

## INTERNATIONAL SEARCH REPORT

 International application No.  
 PCT/KR2004/001648
**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H02J 9/06**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

H02J, H02M, H02H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001061238 A (TOKYO GAS CO., LTD.) 6 MAR. 2001 Abstract, Claims 1-4, Figs. 1, 2, 5, 8, 9, 11	1 - 4
Y	WO 98/59413 (MASDELL INC.) 30 DEC. 1998 Abstract, Claims 1-15, Figs. 6, 7	1 - 4
A	JP 2001286078 A (TOKYO GAS CO., LTD.) 12 OCT. 2001 See entire document	1 - 4
A	JP 2001128390 A (TOKYO GAS CO., LTD.) 11 MAY 2001 See entire document	1 - 4

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

16 OCTOBER 2004 (16.10.2004)

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Name and mailing address of the ISA/KR


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